**DESCRIPTION**

**MasterTile 333** Sealer is a premium, water based, non-sheen, silane-siloxane penetrating sealer.

Solvent-free and formulated to provide water repellency and stain protection and may also be used as a pre-grouting sealer.

**KEY FEATURES**

- High quality sealer for stone, tile and grout
- Excellent stain resistance
- Water-based formula
- For interior and exterior use
- Colourless, transparent and highly penetrating
- Reduces negative atmospheric effects
- Water vapour permeable

**SUITABLE TILE TYPES**

Sealer for all natural stone surfaces, unglazed tile, porcelain, clay pavers, concrete, brick, masonry, and grout.

For interior and exterior use.

**PACKAGING**

**MasterTile 333** is available in 20 litres.

**APPLICATION INSTRUCTIONS**

**SURFACE PREPARATION BEFORE APPLICATION**

Surface should be dry, clean and free of waxes, sealers or finishes.

New installations need to be dry 48 hours before application. Protect surrounding surfaces. Test product in an inconspicuous area to ensure desirable results.

**PRECONDITIONS FOR A CORRECT SURFACE TREATMENT**

The applicator has to make sure the substrate to treat absorbs the water repellent emulsion.

The more porous and absorbent the material is the higher is the efficiency.

The substrate will absorb less water repellent emulsion if it is wet, coated with a film forming coating (paint or varnish), treated with a water repellent additive, has a very low porosity (for example, some high performance concrete have very low porosity).

Drying the substrate is an important precondition in order to achieve maximum penetration depth. This can be achieved by making sure the water repellent emulsion is applied after 10 days following the last exposure of the surface to water or rain.

Wet substrates already contain water inside the capillaries. This reduces the uptake of water repellent material and results in reduced repellency.

The following conditions need to be fulfilled to insure good efficiency of the water repellent application:

- The surface to be sealed must be absorbent, clean and dry.
- The surface must be free of any contaminants or other surface films such as paint or varnish.

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th><strong>Material structure</strong></th>
<th>Oil in water silane-siloxane emulsion.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Transparent</td>
</tr>
<tr>
<td>Application substrate temperature</td>
<td>+5°C to +35°C</td>
</tr>
<tr>
<td>Service temperature</td>
<td>-20°C to +80°C</td>
</tr>
<tr>
<td>Drying time</td>
<td>30 minutes between coats</td>
</tr>
<tr>
<td></td>
<td>2 hours foot traffic</td>
</tr>
<tr>
<td></td>
<td>Full cure 24 hours</td>
</tr>
</tbody>
</table>

NB Coverage values are given as a guide only and can vary greatly depending on the type of material being sealed.
All existing surface treatments should be
removed. If any chemical cleaners are used,
they must be properly rinsed off to avoid any
reaction with the water repellent emulsion.
Chemical cleaner residues can cause
discoloration, decrease reaction rate or lack of
reaction of the water repellent sealer.

Damaged substrates have to be repaired or
replaced and allowed to cure before application
of the stone sealer.

The facade has to be free of visible cracks.
Cracks have to be filled with adequate filling
materials, would it be elastic sealant, grouting
material or cementitious based mortar.

Do not apply onto walls that have evidence of
rising damp. The source of the rising
dampness must be dealt with and then the wall
should be allowed to dry out prior to the sealer
being applied. The drying out of a damp wall
can take up to several months.

Algae and moss growth has to be removed
prior to application.

The facade has to be clean and exempt of dirt
(which leads to a lower absorption) or
greasiness will reduce water repellent emulsion
absorption.

All efflorescence has to be removed
mechanically followed by cleaning with water or
steam jet prior to application of the sealer.

Avoid splashes onto glass, windows, door
frames and other sensitive materials as this
may cause staining.

Fresh concrete and the mortar joints must have
cured, i.e. application should be carried out
after 3 to 4 weeks.

The quantity of water repellent emulsion
applied to the natural stone tile or paver should
match the tile or pavers absorbency. Do not
apply more of the sealer than the tile or paver
surface will absorb as this may change the
visual aspect of the tile or paver.

The impact of the water repellent emulsion on the
surface appearance of the substrate need to be
tested beforehand. Application of water repellent
emulsion can lead to some color modification or
darkening of the substrate.

**APPLICATION OF PRODUCT**

**USE CHEMICAL-RESISTANT GLOVES, such as
nitrile, when handling product.**

Read entire label before using.

Apply using a paint pad applicator, sponge or
brush.

Allow the sealer to penetrate for up to 5 minutes.
Wipe surface completely dry using clean, dry
cotton, paper or microfiber towels after each
application.

Porous surfaces may require additional
applications.

Conduct a test to see if surface is completely
sealed after 2 hours by applying drops of water on
the surface. If it penetrates, an additional
application is required.

**Pre-Grout Sealer/Grout Release**

Coloured grout may stain porous tile and stone
during installation.

Sealing the tile before grouting will make grout
removal much easier.

Apply sealer according to directions after tile has
been bonded for a minimum of 24 hours, or apply
to front face of tile before installation.

Wait a minimum of 2 hours before grouting.

**COVERAGE**

MasterTile 333 can be applied between
4m²-28m² / litre, depending on the porosity and
profile of the substrate. Refer to the method
statement for coverages and application details.

**DRYING TIMES**

Allow 30 minutes drying time between
applications.

Ready for surface traffic in 2 hours.
Keep dry for 12 hours.
Achieves a full cure in 24 hours.

**CLEANING OF EQUIPMENT**

Clean tools with mineral spirits after use.

**HEALTH PRECAUTIONS**

MAY BE HARMFUL IF SWALLOWED. MAY
IRRITATE EYES AND SKIN.

Wear appropriate skin and eye protection
equipment and ventilate area when spraying.
Contains glycol ether monobutyl ether. If in eyes, flush with water for at least 15 minutes. If on skin, wash with soap and water. If irritation persists, seek medical attention. If swallowed, DO NOT induce vomiting. Seek medical attention.

PRODUCT MAINTENANCE
Do not use cleaners containing ammonia, acids or bleach.
Tile industry experts recommend periodic testing of sealed surfaces. Apply a few drops of water on the surface. If it soaks in, an additional application of sealer will be necessary to keep sealer at peak performance.

TECHNICAL SERVICES INFORMATION
For technical assistance, contact your local BASF technical services team.

EXPECTED WEAR
Will vary depending on hardness and texture of surface, type of area, surface wear, frequency, and type of maintenance products used.
Weather conditions, harsh cleaning methods, and high-alkaline, acidic, or solvent-based cleaners will affect wear.

HANDLING & STORAGE
Close container tightly after each use.
Store in original container only.
Store and use between temperatures of 0°C and 30°C.
Dispose of residue or any unused leftover product in accordance with applicable local requirements.

PRODUCT LIMITATIONS
If product is allowed to dry on surface, a white film may form. If this occurs, scrub with a white nylon pad.

Sealer will not prevent surface wear or etching from acids or caustic chemicals.
Not to be considered as a waterproof membrane.
All stone sealers are applied to act as a protection for stone against staining prior to clean-up, hence prolonging the amount of time before stains penetrate. Stone sealers are not to be considered as a permanent non-stain solution for natural stone.

SAFETY PRECAUTIONS
As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin, and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention.
Reseal containers after use. For further information, refer to material safety data sheet.

NOTE
Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BASF representative.
BASF reserves the right to have the true cause of any difficulty determined by accepted test methods.

QUALITY AND CARE
All products originating from BASF’s Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and OHSAS 18001.

* Properties listed are based on laboratory controlled tests.

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